

Impington Model Aeroplane Club
Founded in 1946 by Ray Malmström

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November 2022
Website <https://ivcmac.bmfa.uk>

Changes to indoor flying

Members will be aware that the committee proposed some radical changes to start in January 2023. The current arrangements will continue for the rest of this year.

The proposal was to cancel the Thursday sessions in the small gym and have 28 winter sessions of 4 hours every Saturday afternoon in the much more suitable large sports hall.

The committee have reviewed the results and also talked to a wide cross section of members to canvass their views. Although the original motion was carried with 41 votes for, 3 votes against and 1 abstention, the committee has come up with a compromise plan to cater for all our indoor flyers. A detailed result sheet has been sent out with this newsletter and is available on the website.

It's important to note that this is a trial from January 2023 till the end of this winter when the arrangements will be reviewed.

Lighter than air (almost)



Spotted at the BMFA Buckminster 100 year exhibition, this is a competition F1D rubber duration model.

The little note in the corner says that the air in the box weighs 151 times as much as the model and they can stay airborne for 35 minutes on 1,600 winds of the motor.

SMAE Medal award

Our president Chris Strachan has been awarded a prestigious SMAE medal. The SMAE is the official name of the BMFA and stands for the Society of Model Aeronautical Engineers of which Chris is undoubtedly one of the most illustrious experts.

The medal is "awarded to a member who has served the cause of model flying and the Association by meritorious endeavour".

He was nominated by Mike Woodhouse in recognition of his work in promoting model flying within the Impington Village College Model Aeroplane Club and the many years served on the Free Flight Technical Committee. He is also being recommended by the BMFA for a Royal Aero Club award.



Here he is recently enjoying the wide open space at Duxford a few weeks ago with yet another challenging subject – an Avioneta Stabiloplan type IV – amazing!!

Chris will be collecting his medal at the BMFA annual awards dinner on the 19th November in Solihull. Well done Chris!!

Christmas meal - Dec 14th

We are just about to close the bookings for this, but there are a couple of spaces left so please shout now or forever hold your peace!

Engine maestro at work



This is a picture of Brian Turner's latest home brew engine which is a V twin in one of his competition CL models. This is mounted with both cylinders on the outboard side of the model.

This design is intended to overcome problems encountered with the Boxer style flat twin he was experimenting with last year. That engine suffered from differences in fuel flow (and therefore cooling) between inboard and outboard cylinders. So far, this format appears to be more successful.

Disappointingly, it sounds just the same as a single cylinder engine (as did the Boxer twin) because both cylinders fire at the same time.

Brian designed and constructed the V twin engine as well as the slightly less successful Boxer twin. He also designed and built 2 single cylinder engines (1 long stroke, 1 short stroke) that he has been using (and winning with) in competition for the last 10 years.

The models that he flies them in are called Skytoanes and were designed & built by him but the basic dimensions and moment arms came from the published work by the Ukrainian Yatsenko brothers (Yurily and Andrey) who produce the very expensive ARTF's. Skytoane is an anagram of Yatsenko.

He also makes his own carbon propellers and carbon undercarriages.

Duxford flying

Over 20 club members had a great time flying in the huge Airspace Hangar at Duxford on Sunday 9th October. We are really hoping that this event will be repeated a few times a year as Duxford are keen to fill the space with events that encourage children. A couple of videos from the day are below.

[Indoor model flying at Duxford - Part 3 rubber power free flight Tradfly mass launch - YouTube](#)

[Indoor model flying at Duxford - Part 1 - YouTube](#)

The huge attraction of Duxford is the height of the roof – No point in taking Bruces pole!! We managed to rescue Jons FF model by nudging it off the girders with Karas drone.

We also had a first (well since Ray did it with i/c models at Impington 60 years ago), when Tony flew indoor control line with his Flitestreak



There is a short video here [Indoor model flying at Duxford - Part 6 Tony Welch indoor control line - YouTube](#)



Model tables were set up against the backdrop of the Victor



Oops – no one saw that. A Tradfly circles the Victor and comes to rest by the nose wheel. We were specifically told to avoid the Victor!!

Mid air extravaganza



A sorry sight after a mid air head on with a closing speed of 150mph. Alans Viper on the left and Malcolms on the right. They hit just in front of us and the wreckage fluttered down in front of us – the heavy batteries flew on and landed 50m apart!!

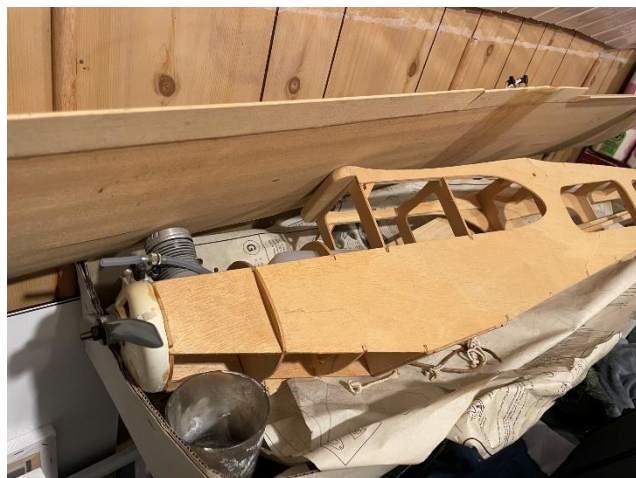
This was the second mid air for Alan after a previous collision with membership sec John, but in a testament to tough models it's flying again – video here [The Viper lives to fight another day - YouTube](#)



A few dents in the wing and the severed fuselage show the effects of the mid air!!

Lost in the attic

We have been contacted by Matt Cappell who has found a half built Cub in his attic. He thinks it has been there for 20 years.



If anyone wants to take on this project, please contact the editor and we will put you in contact with Matt. Matt would like to see it flying and will either pay someone to build it for him or may give the model to anyone who decides to give it some TLC.

Anyone fancy a winter project?

In their Youth

Here's a challenge for you –



Can you name this young chap. As a bonus, where and when do you think the photo was taken, what's the model and can you identify the engine with the red cylinder head?

Further contributions for this series are required – bring out yer photos!!

Public Open Day

This was held last Sunday and a few photos from the event are shown here courtesy of Stuart Marsden.

The results of the competitions are overleaf.



Chairman of the Ipswich Club, Neil Jarrod with his No Cal P51



Anne Staines with Viking



Stuarts own design foamie gets to the roof every time



Chris Strachan with his great flying RM-12. As with all his models it was a tricky subject but flew well.



Fred Drew with his Gymminie Cricket – flew very well.

There were a number of competitions run by Gordon Hannah during the day and the results were –

Peanut

| | | |
|-----|-----------------|--|
| 1st | Chris Strachan | 157 - RM 12 (an unusual canard design – see picture) |
| 2nd | Phil Haines | 149 - FW 190 |
| 3rd | Clive Anderson | 143 - Waco SRE |
| 4th | Keith Prescott | 130 - Waco SRE |
| 5th | Paul Hoey | 122 - Salta Fossi |
| 6th | Richard Staines | 121 - Farman |

The Impington rules gave a substantial bonus to original model choice and reasonable scale points.

These were added to the flight times to give an overall 'points' score. This seemed to level out the playing field by handicapping the 'bog standard' Laceys etc.

Bostonian

| | | |
|-----|----------------|----------|
| 1st | Ray Sellwood | 145 secs |
| 2nd | Chris Strachan | 130 secs |
| 3rd | Paul Hoey | 121 secs |

No Cal (profile fuselage etc)

| | | |
|-----|----------------|----------|
| 1st | Ray Sellwood | 286 secs |
| 2nd | Bruce Lindsey | 264 secs |
| 3rd | Keith Prescott | 110 secs |

Rubber powered car race

1st Chris Strachan

Watch out for a full report in a future edition of Aeromodeller!!

Nuclear Warning Alarm.....

This was on display at the Waterbeach Airfield museum and was used up to 1991 when the threat went away after the fall of the Iron Curtain. Perhaps it needs to be reinstated?

